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PTO/SB/05 REV 1 (12/97)

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No. SJO919990114US3
First Inventor or Application Identifier		Gill
Title	METHOD OF MAKING A SPIN VALVE SENSOR OF A READ HEAD WITH A TRIPLE ANTIPARALLEL COUPLED FREE LAYER STRUCTURE	
Express Mail Label No.		EL 749517885 US

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		ADDRESS TO: Mail Stop: Patent Application Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages <u>33</u>] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention <p>- Brief Description of the Drawings (if filed)</p> <ul style="list-style-type: none"> - Detailed Description - Claim(s) - Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>8</u>]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>2</u>]</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) <p style="text-align: center;">[Note Box 5 below]</p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input checked="" type="checkbox"/> Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>		
<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement Verifying identity 		

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ACCOMPANYING APPLICATION PARTS		
<p>8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input checked="" type="checkbox"/> Information Disclosure Statements <input type="checkbox"/> Copies of (IDS) w/PTO-1449 & PTO-892 IDS Citations</p> <p>12. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other: <u>Express Mail Certification</u></p>		

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/872,814
Prior application information: Examiner Phan, Thiem D. Group/Art Unit 3729

18. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below
<i>(Insert Customer No. or Attach bar code label here)</i>		
ADDRESS	International Business Machines Corporation IP Law L2PA/010 5600 Cottle Road San Jose, California 95193	
	Telephone: <u>619-334-5883</u>	(Ervin F. Johnston)
COUNTRY	USA	

Name (Print/Type)	<u>Ervin F. Johnston</u>	Registration No. (Attorney/Agent)	20,190
Signature			Date
			September 11 2003

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PTO/SB/17 REV 1 (12/97)

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB-09-12
See 37 C.F.R. §§ 1.27 and 1.28

		Complete If Known			
		Application Number		(unknown)	
		Filing Date		(herewith)	
		First Named Inventor		H. Gill	
		Examiner Name		(unknown)	
		Group / Art Unit		(unknown)	
TOTAL AMOUNT OF PAYMENT		(\$) 750.00		Attorney Docket No. SJO919990114US3	

METHOD OF PAYMENT (check one)

- The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 09-0442
 Deposit Account Name International Business Machines Corp.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance.
 37 CFR 1.311(b)

Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 750	201 375	Utility filing fee	_____
106 330	206 165	Design filing fee	_____
107 520	207 260	Plant filing fee	_____
108 750	208 375	Reissue filing fee	_____
114 160	214 80	Provisional filing fee	_____
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES

Total Claims	- 20** =	x .18	=
Independent			
Claims	- 5** =	x .84	=
Multiple Dependent Claims		x _____	= _____

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	_____
127 50	227 25	Surcharge - late provisional filing or cover sheet	_____
139 130	139 130	Non-English specification	_____
147 2,520	147 2,520	For filing a request for reexamination	_____
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	_____
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	_____
115 110	215 55	Extension for response within first month	_____
116 410	216 205	Extension for response within second month	_____
117 930	217 465	Extension for response within third month	_____
118 1,450	218 725	Extension for response within fourth month	_____
128 1,970	228 985	Extension for response within fifth month	_____
119 320	219 160	Notice of Appeal	_____
120 320	220 160	Filing a brief in support of an appeal	_____
121 280	221 140	Request for oral hearing	_____
138 1,510	138 1,510	Petition to institute a public use proceeding	_____
140 110	240 55	Petition to revive unavoidably abandoned application	_____
141 1,300	241 650	Petition to revive unintentionally abandoned application	_____
142 1,300	242 650	Utility issue fee (or reissue)	_____
143 470	243 235	Design issue fee	_____
144 630	315 300	Plant issue fee	_____
122 130	122 130	Petitions to the Commissioner	_____
126 180	126 180	Submission of Information Disclosure Stmt	_____
146 750	246 375	Filing a submission after final rejection (37 CFR 1.129(a))	_____
179 750	249 375	Request for continued examination (RCE) (37 CFR 1.114)	_____

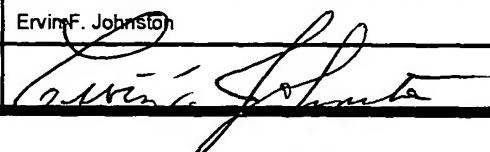
Other fee (specify) Terminal Disclaimer

Other fee (specify) _____

SUBTOTAL (3) (\$)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name	Ervin F. Johnston	Reg. Number	20,190
Signature		Date	September 11, 2003

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DATE OF DEPOSIT: September / / , 2003

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Ervin F. Johnston

NAME

Ervin F. Johnston

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